

Continued From Front

IV. CHARACTERIZATION OF SITE ACTIVITY

Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.

X	A. TRANSPORTER	X	B. STORER	X	C. TREATER	X	D. DISPOSER
	1. RAIL		1. PILE		1. FILTRATION	X	1. LANDFILL
	2. SHIP		2. SURFACE IMPOUNDMENT		2. INCINERATION		2. LANDFARM
	3. BARGE		3. DRUMS		3. VOLUME REDUCTION		3. OPEN DUMP
	4. TRUCK		4. TANK, ABOVE GROUND		4. RECYCLING/RECOVERY		4. SURFACE IMPOUNDMENT
	5. PIPELINE		5. TANK, BELOW GROUND		5. CHEM./PHYS. TREATMENT		5. MIDNIGHT DUMPING
	6. OTHER (specify):		6. OTHER (specify):		6. BIOLOGICAL TREATMENT		6. INCINERATION
					7. WASTE OIL REPROCESSING		7. UNDERGROUND INJECTION
					8. SOLVENT RECOVERY		8. OTHER (specify):
					9. OTHER (specify):		

E. SPECIFY DETAILS OF SITE ACTIVITIES AS NEEDED *ACS SITE ALONG WITH THE PRESENT GRIFFITH LANDFILL WERE ORIGINALLY ONE SITE. FROM 1958 TO 1975, ACS ACCEPTED STILL RESIDUE, TRASH, INCINERATOR ASH AND DRUMS AT VARIOUS TIMES. UPON CLOSING THE ACS DUMP IN 1975, THE REMAINING LAND WAS SOLD TO FORM THE GRIFFITH LANDFILL.*

V. WASTE RELATED INFORMATION

A. WASTE TYPE

☐ 1. UNKNOWN ☒ 2. LIQUID ☒ 3. SOLID ☒ 4. SLUDGE ☐ 5. GAS

B. WASTE CHARACTERISTICS

☐ 1. UNKNOWN ☒ 2. CORROSIVE ☒ 3. IGNITABLE ☐ 4. RADIOACTIVE ☒ 5. HIGHLY VOLATILE
☒ 6. TOXIC ☒ 7. REACTIVE ☒ 8. INERT ☒ 9. FLAMMABLE

☐ 10. OTHER (specify):

C. WASTE CATEGORIES

1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.

NO - RECORDS DESTROYED IN 1975 ROBBERY

2. Estimate the amount (specify unit of measure) of waste by category; mark 'X' to indicate which wastes are present.

a. SLUDGE	b. OIL	c. SOLVENTS	d. CHEMICALS	e. SOLIDS	f. OTHER
AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT
<i>UNKNOWN</i>		<i>UNKNOWN</i>	<i>UNKNOWN</i>	<i>UNKNOWN</i>	<i>UNKNOWN</i>
UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE
X (1) PAINT, PIGMENTS	X (1) OILY WASTES	X (1) HALOGENATED SOLVENTS	X (1) ACIDS	X (1) FLYASH	X (1) LABORATORY PHARMACEUT.
(2) METALS SLUDGES	(2) OTHER (specify):	(2) NON-HALOGENATED SOLVENTS	(2) PICKLING LIQUORS	(2) ASBESTOS	(2) HOSPITAL
(3) POTW		X (3) OTHER (specify):	X (3) CAUSTICS	(3) MILLING/ MINE TAILINGS	(3) RADIOACTIVE
(4) ALUMINUM SLUDGE		<i>TOLUENE</i>	(4) PESTICIDES	(4) FERROUS SMLTG. WASTES	X (4) MUNICIPAL
(5) OTHER (specify):		<i>XYLENE</i>	(5) DYES/INKS	(5) NON-FERROUS SMLTG. WASTES	(5) OTHER (specify):
<i>HEAVY ABS POLYMER SLUDGE</i>		<i>ESTERS</i>	X (6) CYANIDE	X (6) OTHER (specify):	
		<i>KETONES</i>	X (7) PHENOLS	<i>- POLYETHYLENE BEADS</i>	
			(8) HALOGENS	<i>- INCINERATOR ASH</i>	
			X (9) PCB		
			(10) METALS		
			X (11) OTHER (specify):		
			<i>POLYESTERS GLUES RESINS</i>		

V. WASTE RELATED INFORMATION (continued)

3. LIST SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE (place in descending order of hazard).

- 1) PCB
- 2) TOLUENE
- 3) XYLENE
- 4) HALOGENATED SOLVENTS
- 5) PHENOLS

- 6) CHROMIC ACID
- 7) ACIDS

4. ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE.

LEACHATE DISCHARGE ON TO GRIFFITH LANDFILL WHICH THEN FLOWS TO TURKEY CREEK,
POSSIBLE CONTAMINATION OF GARBAGE AT GRIFFITH LANDFILL AND SHALLOW GROUNDWATER

VI. HAZARD DESCRIPTION

A. TYPE OF HAZARD	B. POTENTIAL HAZARD (mark 'X')	C. ALLEGED INCIDENT (mark 'X')	D. DATE OF INCIDENT (mo., day, yr.)	E. REMARKS
1. NO HAZARD				
2. HUMAN HEALTH				
3. NON-WORKER INJURY/EXPOSURE				
4. WORKER INJURY				
5. CONTAMINATION OF WATER SUPPLY	X			
6. CONTAMINATION OF FOOD CHAIN				
7. CONTAMINATION OF GROUND WATER	X			
8. CONTAMINATION OF SURFACE WATER	X	X	5/8+9/80	EPA SITE INVESTIGATION, INTO ADJACENT WETLANDS
9. DAMAGE TO FLORA/FAUNA	X			
10. FISH KILL				
11. CONTAMINATION OF AIR				
12. NOTICEABLE ODORS				
13. CONTAMINATION OF SOIL	X			
14. PROPERTY DAMAGE				
15. FIRE OR EXPLOSION				
16. SPILLS/LEAKING CONTAINERS/ RUNOFF/STANDING LIQUIDS	X	X	5/8+9/80	EPA SITE INVESTIGATION, LEACHATE PONDS AND RUNOFF
17. SEWER, STORM DRAIN PROBLEMS				
18. EROSION PROBLEMS				
19. INADEQUATE SECURITY				
20. INCOMPATIBLE WASTES	X			
21. MIDNIGHT DUMPING				
22. OTHER (specify):				

VII. PERMIT INFORMATION

A. INDICATE ALL APPLICABLE PERMITS HELD BY THE SITE.

- ☐ 1. NPDES PERMIT ☐ 2. SPCC PLAN ☐ 3. STATE PERMIT (specify): _____
☐ 4. AIR PERMITS ☐ 5. LOCAL PERMIT ☐ 6. RCRA TRANSPORTER
☐ 7. RCRA STORER ☐ 8. RCRA TREATER ☐ 9. RCRA DISPOSER
☐ 10. OTHER (specify): _____

B. IN COMPLIANCE?

- ☐ 1. YES ☒ 2. NO ☐ 3. UNKNOWN

4. WITH RESPECT TO (list regulation name & number): _____

VIII. PAST REGULATORY ACTIONS

- ☒ A. NONE ☐ B. YES (summarize below)

NONE ARE KNOWN

IX. INSPECTION ACTIVITY (past or on-going)

- ☐ A. NONE ☒ B. YES (complete items 1, 2, 3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION
EPA ON-SITE INVEST.	5/8+9/80	US EPA	SAMPLING AND RECONNAISSANCE

X. REMEDIAL ACTIVITY (past or on-going)

- ☐ A. NONE ☒ B. YES (complete items 1, 2, 3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION
311 RESPONSE	7-30-80	USEPA	CLAY BERM TO RETAIN LEACHATE

NOTE: Based on the information in Sections III through X, fill out the Preliminary Assessment (Section II) information on the first page of this form.

No. 1

Date: AUGUST 29, 1980

Time: 0945 (A.M.) P.M.

Photograph By:

JERRY OSKVAREK

TDD# F5-8008-12A

State- INDIANA

AMERICAN CHEMICAL
SERVICES 1 GRIFFITH, LAKE COUNTY

Comments: Photograph taken

toward the SOUTHWEST, SHOWS
NORTHEAST CORNER OF SUBJECT SITE,
AND SOUTHEAST SIDE OF SITE



No. 2

Date: AUGUST 29, 1980

Time: 0948 (A.M.) P.M.

Photograph By:

JERRY OSKVAREK

TDD# F5-8008-12A

State- INDIANA

AMERICAN CHEMICAL
SERVICES 1 GRIFFITH, LAKE COUNTY

Comments: Photograph taken

toward the WEST, ACCESS ROAD
ON NORTH BOUNDARY OF
SUBJECT SITE.



No. 3

Date: AUGUST 29, 1980

Time: 0953 (A.M.) P.M.

Photograph By:

JERRY OSKVAREK

TDD# F5-8008-12A

State- INDIANA

AMERICAN CHEMICAL
SERVICES | GRIFFITH, LAKE COUNTY

Comments: Photograph taken

toward the SOUTHWEST, BARREL
RECLAMATION FACILITY, SOUTH
OF SITE.



No. 4

Date: AUGUST 29, 1980

Time: 0955 (A.M.) P.M.

Photograph By:

JERRY OSKVAREK

TDD# F5-8008-12A

State- INDIANA

AMERICAN CHEMICAL
SERVICES | GRIFFITH, LAKE COUNTY

Comments: Photograph taken

toward the WEST, BARREL
RECLAMATION FACILITY ON SOUTHERN
BORDER OF SUBJECT SITE



No. 5

Date: AUGUST 29, 1980

Time: 0956 (A.M.) P.M.

Photograph By:

JERRY OSKVAREK

TDD# F5-8008-12A

State- INDIANA

AMERICAN CHEMICAL

SERVICES

1 GRIFFITH, LAKE COUNTY

Comments: Photograph taken

toward the NORTH-NORTHWEST,

BARREL RECLAMATION FACILITY ON

SOUTHERN BORDER OF SUBJECT SITE



No. 6

Date: AUGUST 29, 1980

Time: 0958 (A.M.) P.M.

Photograph By:

JERRY OSKVAREK

TDD# F5-8008-12A

State- INDIANA

AMERICAN CHEMICAL

SERVICES

1 GRIFFITH, LAKE COUNTY

Comments: Photograph taken

toward the NORTHWEST, SUBJECT

SITE FROM ROADSIDE BERM, SITE

COVERED WITH GRASS



No. 7

Date: AUGUST 29, 1980

Time: 1005 (A.M.) P.M.

Photograph By:

JERRY OSKVAREK

TDD# F5-8008-12A

State- INDIANA

AMERICAN CHEMICAL

SERVICES

1 GRIFFITH, LAKE COUNTY

Comments: Photograph taken

toward the NORTHWEST, AMERICAN

CHEMICAL SERVICES FACILITY NORTH

OF THE SUBJECT SITE.



No. 8

Date: AUGUST 29, 1980

Time: _____ A.M. P.M.

Photograph By:

JERRY OSKVAREK

TDD# F5-8008-12A

State- INDIANA

AMERICAN CHEMICAL

SERVICES

1 GRIFFITH, LAKE COUNTY

Comments: Photograph taken

toward the SOUTHWEST, AMERICAN

CHEMICAL SERVICES FACILITY NORTH

OF THE SUBJECT SITE.



SITE SAFETY PLAN

SITE: American Chemical Service, Inc.
LOCATION: Griffith, Indiana

DATE: September 3, 1980
PREPARER: Rod Bloese
TDD NO.: F5-8008-12A

INVESTIGATIVE OBJECTIVE(S): Familiarization with site and determination of disposal

PROPOSED DATE OF INVESTIGATION: Sept. 9, 1980

BACKGROUND REVIEW: COMPLETE ☒ PRELIMINARY ☐
DOCUMENTATION/SUMMARY: OVERALL HAZARD SERIOUS ☐ MODERATE ☒ UNKNOWN ☐

SITE/ WASTE CHARACTERISTICS

WASTE TYPE(S): LIQUID ☒ SOLID ☒ SLUDGE ☒ GAS ☐
CHARACTERISTIC(S): CORROSIVE ☒ IGNITABLE ☒ RADIOACTIVE ☐ VOLATILE ☒
TOXIC ☒ REACTIVE ☒ UNKNOWN ☒ OTHER ☐
FACILITY DESCRIPTION: SIZE Approx. 6 acres BUILDINGS None

TOPOGRAPHY Berm around site, uneven topography

PRINCIPAL DISPOSAL METHOD (type and location)

buried drums and sludge, area fill

UNUSUAL FEATURES (dike integrity, power lines, terrain, etc.)

Railroad track to the north STATUS (open, closed, unknown) closed

STORY (worker or non-worker injury; complaints from public; previous agency action): no
worker injuries, no public complaints, USEPA conducted on-site investigation, EEI
off-site reconnaissance revealed no hazards

HAZARD EVALUATION

The American Chemical Service (ACS) site is located adjacent to the active Griffith municipal landfill. The ACS sites has been inactive since 1975. USEPA personnel conducted an on-site investigation and collected leachate and soil samples on May 8 and 9, 1980. No complaints on the subject site are on file with the County Board of Health. Due to the site closure five years ago no public complaints, and no exposed wastes, the surface hazard is limited to leachate on the site.

WORK PLAN INSTRUCTIONS

I. PERIMETER ESTABLISHMENT: MAP/SKETCH ATTACHED ☐ ^C SITE CONTROL
PUBLIC PERIMETER IDENTIFIED ☒ ZONE(S) OF CONTAMINATION IDENTIFIED

NOTES: Site controlled by berm and fenced city landfill

^C areas of special safety concern identified

II. PERSONAL CLOTHING:

LEVEL OF PROTECTION: A ☐ B ☐ C ☐ D ☒

MODIFICATIONS: Hardhat with faceshield or safety glasses, 5-minute escape capsule, safety booties, rubber boots, coveralls, cotton underwear, rubber gloves.

SURVEILLANCE EQUIPMENT AND MATERIALS: camera, metal detector, tape, wooden stakes

III. CONTAMINATION PROCEDURES:

HOT LINE LOCATION (initial): North access road

COMMAND POST LOCATION (initial): North access road by railroad tracks

PDS STATIONS: 1. rinse boots 2. remove boots

3. rinse & remove rubber gloves 4. change clothing 5.

EQUIPMENT AND MATERIALS/SPECIAL FACILITIES: Two wash

tubs with detergent and water.

Dispose wash water on site.

IV. SITE ENTRY PROCEDURES:

TEAM SIZE: E & E 4 EPA STATE OTHER 1 (James Tarpo)

ENTRY BRIEFING (date) September 8, 1980

STATION DESIGNATION (name/responsibility): 1. Rod Bloese (Team Leader-^{Hot Line}

2. Jerry Oskvarek (Safety Officer) 3. Anne Sause (Hot line assistant) ^{Hot Line}

4. John Angelo (On-site Investigator) 5. C. Biese

6. 7.

WORK SCHEDULE/LIMITATIONS: Work will be limited to familiarization

of site and metal detection work.

NOTES: The work should be completed in two (2) hours.

ACUTE EXPOSURE SYMPTOMS

FIRST AID

1. _____
2. _____
3. _____
4. _____
5. _____
6. OTHER _____

HOSPITALS/POISON CONTROL CENTERS (address, telephone no.)

1. Our Lady of Mercy Hospital, Route 30, Dyer 865-2141
2. Poison Control Center - Use Gary Methodist Hospital, 600 Grant, 866-4710
3. Dr. Richard Freeman, Vanderbilt University (615) 322-4754 (O)
292-5256 (H)
4. _____
5. _____

EMERGENCY TRANSPORTATION SYSTEMS (fire, police, ambulance)

1. Griffith Fire Department 115 N. Broad 924-3151
2. Griffith Police Department 115 N. Broad 924-3141
3. _____

EMERGENCY ROUTES

1. Arbocast South to Joliet, west to Route 30, west to "4 Corners" in Dyer, on left
2. _____
3. _____
4. _____

EQUIPMENT CHECKOUT

- | | | |
|--|-------------------------------------|--|
| SCBA <input type="checkbox"/> | CYLINDERS <input type="checkbox"/> | EYE WASH UNIT <input type="checkbox"/> |
| APR <input type="checkbox"/> | CARTRIDGES <input type="checkbox"/> | FIRST AID KIT <input type="checkbox"/> |
| EXPLOSIMETER <input type="checkbox"/> | | DRINKING WATER SUPPLY <input type="checkbox"/> |
| O ₂ INDICATOR <input type="checkbox"/> | | PERSONAL CLOTHING <input type="checkbox"/> |
| DRAEGER PUMP <input type="checkbox"/> | TUBES <input type="checkbox"/> | DECONTAMINATION MATERIALS <input type="checkbox"/> |
| RADIATION SURVEY METER <input type="checkbox"/> | | |
| RADIATION CONTAMINATION METER <input type="checkbox"/> | | |

	ug/l
Total Mercury	0.2
Total Cyanide	76
Silver	11
Beryllium	<1
Cadmium	184
Chromium	254
Copper	117
Nickel	544
Lead	282
Zinc	23000

Antimony
Arsenic
Selenium
Thallium

Naphtalene	29
Bis (2-ethylhexyl) phthalate	510
Bis (2-chloroethyl) phthalate	300
Dimethyl phthalate	2300

Date: September 9, 1980

Time: 10:30 (A.M.) P.M.

Photograph By:

John Angelo

TDD# F5-8008-12A

State- Indiana

Griffith 1 ACS

Comments: Photograph taken

toward the West



Date: September 9, 1980

Time: 10:30 (A.M.) P.M.

Photograph By:

John Angelo

TDD# F5-8008-12A

State- Indiana

Griffith 1 ACS

Comments: Photograph taken

toward the South



Date: September 9, 1980

Time: 10:35 (A.M.) P.M.

Photograph By:

John Angelo

TDD# F5-8008-12A

State- Indiana

Griffith / ACS

Comments: Photograph taken

toward the South



Date: September 9, 1980

Time: 10:40 (A.M.) P.M.

Photograph By:

John Angelo

TDD# F5-8008-12A

State- Indiana

Griffith / ACS

Comments: Photograph taken

toward the North



Date: September 9, 1980

Time: 10:40 (A.M.) P.M.

Photograph By:

John Angelo

TDD# F5-8008-12A

State- Indiana

Griffith / ACS

Comments: Photograph taken

toward the Northeast



Date: September 9, 1980

Time: 10:40 (A.M.) P.M.

Photograph By:

John Angelo

TDD# F5-8008-12A

State- Indiana

Griffith / ACS

Comments: Photograph taken

toward the East



Date: September 9, 1980

Time: 10:40 (A.M.) P.M.

Photograph By:

John Angelo

TDD# F5-8008-12A

State- Indiana

Griffith / ACS

Comments: Photograph taken

toward the Southwest



Date: September 9, 1980

Time: 10:45 (A.M.) P.M.

Photograph By:

John Angelo

TDD# F5-8008-12A

State- Indiana

Griffith / ACS

Comments: Photograph taken

toward the Northeast



Date: September 9, 1980

Time: 10:45 (A.M.) P.M.

Photograph By:

John Angelo

TDD# F5-8008-12A

State- Indiana

Griffith / ACS

Comments: Photograph taken

toward the North



Date: September 9, 1980

Time: 11:15 (A.M.) P.M.

Photograph By:

John Angelo

TDD# F5-8008-12A

State- Indiana

Griffith / ACS

Comments: Photograph taken

toward the North

